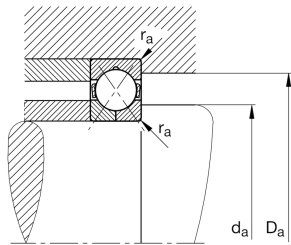
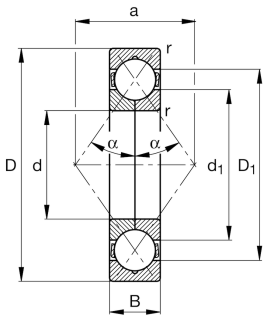


**FAG****QJ1068-MPA-C3**

Four-point contact bearing

Four point contact bearing QJ10...-MPA, solid brass cage

Technical information

**Your current product variant**

Cage	MPA	Solid brass cage, outer ring guided
Tolerance class	PN	Tolerance class PN, acc. to DIN 620
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
Axial internal clearance	C3	Group 3 (C3), bigger than CN

Main Dimensions & Performance Data

d	340 mm	Bore diameter
D	520 mm	Outside diameter
B	82 mm	Width
C_r	760.000 N	Basic dynamic load rating, radial
C_{0r}	1.640.000 N	Basic static load rating, radial
C_{ur}	44.000 N	Fatigue load limit, radial
n_G	2.070 1/min	Limiting speed
n_{gr}	960 1/min	Reference speed
m	67,5 kg	Weight

Mounting dimensions

$d_{a \min}$	358 mm	Minimum diameter shaft shoulder
$D_{a \max}$	502 mm	Maximum diameter of housing shoulder
$r_{a \max}$	4 mm	Maximum fillet radius










Dimensions

r_{min}	5 mm	Minimum chamfer dimension
D_1	459 mm	Shoulder diameter outer ring
d_1	403,75 mm	Shoulder diameter inner ring
a	301,1 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	200 °C	Operating temperature max.

Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Large bearing